Bibliography

1. Al-Soud W.A. and Radstroem P.; Purification and characterization of inhibitory components in Blood cells. J Clin. Microbiol. 2001, 39(2):485-493.

2. Barnes et al.; Cold sensitive mutant DNA polymerases. United States Patent 6,214,557, April 10, 2001.

3. Birch et al.; Nucleic acid amplification using a reversibly inactivated thermostable enzyme. United States Patent 5,773,258, June 30, 1998.

4. Demeke T. and Adams R.P.; The effects of plant polysaccharides and buffer additives on PCR., Biotechniques 1992, 12(3):333-4.

5. Do N. and Adams R.P.; A simple technique for removing plant polysaccharide contaminations from DNA Biotechniques 1991, 10(2):162, 164, 166. (inhibition of other DNA modifying enzymes).

6. Ferencz A. and Seifart K.H.; Comparative effect of heparin on RNA synthesis of isolated rat-nucleoli and purified RNA polymerase A. Eur. J. Biochem 1975, 53(2):605-13.

7. Fischer H. Erdmann S. and Holler E.; An unusual polyanion from Physarum polycephalum that inhibits homologous DNA polymerase alpha *in vitro*. Biochemistry 1989, 28(12):5219-26.

8. Furukawa K. and Bhavanandan V.P.; Influences of anionic polysaccharides on DNA synthesis in isolated nuclei and by DNA polymerase alpha: correlation of observed effects with properties of the polysaccharides. Biochim. Biophy. Acta 1983, 740(4):466-75.

9. Ghadessy F.J., Ong J.L. and Holliger P.; Direct evolution of polymerase function by compartmentalized self-replication. Proc. Natl. Acad. Sci. USA 2001, 98(8):4552-7.

10. Gold et al.; Nucleic acid ligands that bind to and inhibit DNA polymerises. United States Patent 6,020,130, February 1, 2000.

11. Hitzeman R.A., Hanel A.M. and Price A.R.; Dextran sulfates as a contaminant of DNA extracted from concentrated viruses and as an inhibitor of DNA polymerases. J Virol. 1978, 27(1):255-7.

12. Holler E. et al.; Specific inhibition of Physarum polycephalum DNApolymerase and primase by poly(L-malate) and related polyanions. Eur. J. Biochem. 1992,206(l):1-6.

13. Ivanov et al.; Method for reversible modification of thermostable enzymes. United States Patent 6,183,998, February 6, 2001.

14. Jayasena et al.; Nucleic acid ligand inhibitors to DNA polymerases. United States Patent 6,183,967, February 6, 2001.

15. Kum et al.; Method for controlling the extension of an oligonucleotide. United States Patent 6,200,757, March 13, 2001.

16. Scalice et al.; DNA amplification with thermostable DNA polymerase and polymerase inhibiting antibody. United States Patent 5,338,671, August 16, 1994.

17. Shimada T. et al.; Differential susceptibilities of DNA polymerases-alpha and beta on polyanions. NAR 1978, 5(9):3427-38.

18. Wu R.; Inhibition of polynucleotide kinase by agar, dextran sulfate and polysaccharide sulfates. Biochem. Biophys. Res. Commun. 1971, 43(4):927-34.

19. Yang; Method and compositions for improved polynucleotide synthesis. United States Patent 6,274,353, August 14, 2001.

20. Kainz P, Schmiedlechner A, Strack HB. Specificity-enhanced hot-start PCR: addition of double-stranded DNA fragments adapted to the annealing temperature. Biotechniques. 2000 Feb;28(2):278-82.

21. Kainz P. The PCR plateau phase - towards an understanding of its limitations. Biochim Biophys Acta. 2000 Nov 15;1494(1-2):23-7.

22. Moelling K, Schulze T, Diringer H. Inhibition of human immunodeficiency virus type 1 RNase H by sulfated polyanions.J Virol. 1989 Dec;63(12):5489-91.

23. Saiki, et al. (1988) Science 239:487-491.

24. Moretti, et al. (1988) Biotechniques 25:716-725.

25. Scalice, et al. (1994) J. Immun. Methods 172:147-163.

26. Sharkey, et al. (1994) Bio/Technology 12:506-509.

27. Kellogg, et al. (2994) Biotechniques 16:1134-1137.